

APPARATUS AND METHOD FOR ELECTRICAL DISCHARGE MACHINING

ABSTRACT OF THE DISCLOSURE

5 A work station for an electrical discharge machining apparatus, including a first mechanism for retaining a workpiece in a predetermined position, at least one electrode for forming a feature on the workpiece, and a second mechanism for positioning the electrode in a manner that is movable into and out of engagement with a designated portion of the workpiece. A portion of the second mechanism is connected to the first mechanism so as to automatically align the electrode with the designated portion of the workpiece. The second mechanism is configured so that the electrode is electrically insulated from the workpiece.